

(SO), sulfone (SO<sub>2</sub>), sulfide (S-), disulfide (S-S), silyl, a nucleosidic base, an amino acid side chain, a carbohydrate, a biopharmaceutically active moiety, or group capable of hydrogen bonding where the substituent groups are selected from hydroxyl, amino, alkoxy, alcohol, benzyl, phenyl, nitro, thiol, thioalkoxy, halogen, alkyl, aryl, alkenyl, and alkynyl groups;

(h) optionally repeating steps (c) and (d) followed by step (g) to increase the length of the oligomeric compounds bound to said solid support;

(h) treating said oligomeric compounds bound to said solid support with acid to deprotect any protecting groups; and

(i) cleaving said oligomeric compounds from said solid support.--

#### Remarks

After entry of the proposed amendment, claims 2-8, 10-14, 16-20 and 22-30 will be pending in this application. New claims 27-30 recite preferred embodiments of the the inventions of former claims 1, 9, 15, and 21, respectively. No new matter has been added.

Formal drawings were submitted with prior correspondence.

Claims 1-26 stand rejected under 35 U.S.C. 112, first paragraph, for alleged lack of enablement of the preparation of compounds VII-XI. Applicants respectfully traverse the rejection, as the present claims are enabled within the patent laws.

As best understood by Applicant, the Office Action asserts that 1) several references regarding the preparation of precursor compounds are improperly incorporated by reference, and 2) that insufficient guidance is allegedly presented to enable preparation of

compounds of formula VIII. However, Applicant respectfully asserts that given that the high state of development of the art of synthetic organic chemistry, combined with the teaching of the specification, the skilled artisan would encounter no difficulty in synthesizing compounds of the invention, even without the references cited by the Office Action as being essential matter. Thus, it is believed that the claims were proper as written. Nevertheless, solely to advance prosecution of this application, Applicant has amended the claims to recite structures I-VI without prejudice to the presentation of the deleted subject matter in a continuing application. Accordingly, the rejection is believed to be moot.

Applicant believes that the present claims are now in condition for allowance. An early Office Action to that effect is, therefore, earnestly solicited.

Attached hereto is a marked-up version of the changes made to the specification and claims by the current amendment. The attached page is captioned **"Version with markings to show changes made."**

Respectfully submitted,



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## VERSION WITH MARKINGS TO SHOW CHANGES MADE

## In the Claims:

Claims 1, 9, 15 and 21 have been canceled.

Claims 2-8, 10-14, 16-20 and 22-26 have been amended as follows.

2. (Amended) The oligomeric compound of claim [1] 27 wherein said  $J_1$  is =O or =S and said  $J_2$  is OH.

3. (Amended) The oligomeric compound of claim [1] 27 wherein said  $J_1$  is =O, said  $J_2$  is N ( $Y_o$ ) $T_o$  and at least two of said N ( $Y_o$ ) $T_o$  are the same.

4. (Amended) The oligomeric compound of claim [1] 27 wherein said  $J_1$  is =O, said  $J_2$  is N ( $Y_o$ ) $T_o$  and wherein at least two of said N ( $Y_o$ )  $T_o$  are different.

5. (Amended) The oligomeric compound of claim [1] 27 wherein each of said  $R_1$  are the same.

6. (Amended) The oligomeric compound of claim [1] 27 wherein at least two of said  $R_1$  are different.

7. (Amended) The oligomeric compound of claim [1] 27 wherein each of said aminodiol monomer subunits are the same.

8. (Amended ) The oligomeric compound of claim [1] 27 wherein at least two of said aminodiol monomer subunits are different.

10. (Amended) The library of claim [9] 28 wherein said  $J_1$  is =O or =S and said  $J_2$  is OH.

11. (Amended) The library of claim [9] 28 wherein said  $J_1$  is =O, said  $J_2$  is N ( $Y_n$ ) $T_n$  and at least two of said N ( $Y_n$ ) $T_n$  are the same.

12. (Amended) The library of claim [9] 28 wherein said  $J_1$  is =O, said  $J_2$  is N ( $Y_n$ ) $T_n$  and at least two of said N ( $Y_n$ ) $T_n$  are different.

13. (Amended) The library of claim [9] 28 wherein each of said  $R_1$  is the same.

14. (Amended) The library of claim [9] 28 wherein at least two of said  $R_1$  are different.

16. (Amended) The process of claim [15] 29 wherein said step (g) is conducted after said step (b).

17. (Amended) The process of claim [15] 29 wherein said step (g) is conducted prior to step (d) for the addition of at least one monomeric subunit to said oligomeric compound.

18. (Amended) The process of claim [15] 29 wherein said step (g) is conducted prior to each iteration of said step (d).

19. (Amended) The process of claim [15] 29 wherein said step (g) is conducted only after at least one iteration of said step (e).

20. (Amended) The process of claim [15] 29 wherein said step (g) is conducted after said step (f) for the addition of at least one monomeric subunit to said oligomeric compound.

22. (Amended) The process of claim [21] 30 wherein said step (g) is conducted after said step (b).

23. (Amended) The process of claim [21] 30 wherein said step (g) is conducted prior to step (e) for the addition of at least one monomeric subunit to each of said oligomeric compounds.

24. (Amended) The process of claim [21] 30 wherein said step (g) is conducted prior to each iteration of said step (e).

25. (Amended) The process of claim [21] 30 wherein said step (g) is conducted only after at least one iteration of said step (e).

26. (Amended) The process of claim [21] 30 wherein said step (g) is conducted after said step (f) for the addition of at least one monomeric subunit to each of said oligomeric compounds.

New claims 27-30 have been added.